

MISCELLANEOUS DETAILS FOR
WORKLIVE RECLAMATION PROJECT

FEBRUARY 10, 2014

EXCLUSIVELY FOR:
UPPER 90 OF WILMINGTON, LLC
918 CAROLINA BEACH AVENUE NORTH UNIT 3E
CAROLINA BEACH, NORTH CAROLINA 28428

PREPARED BY:

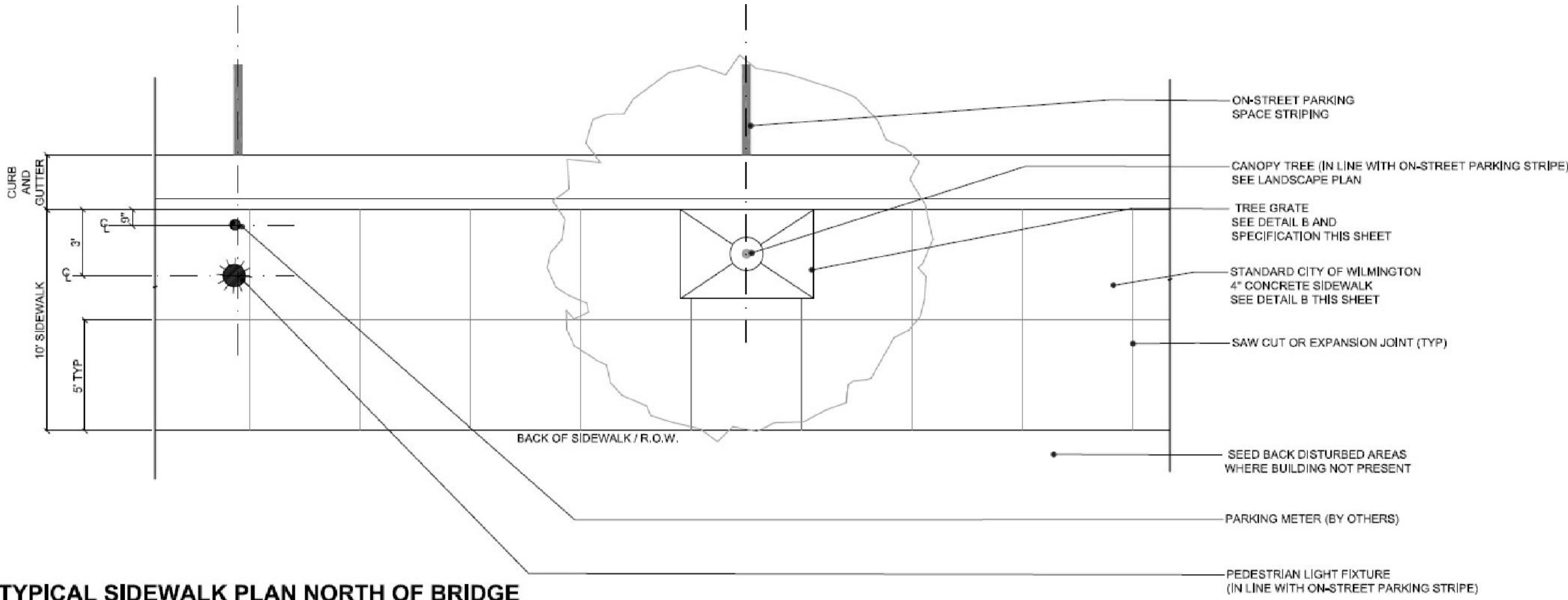
www.romerama.com

1507 RANKIN STREET
WILMINGTON, NORTH CAROLINA 28401
910.228.3137
CONTACT: ROB ROMERO

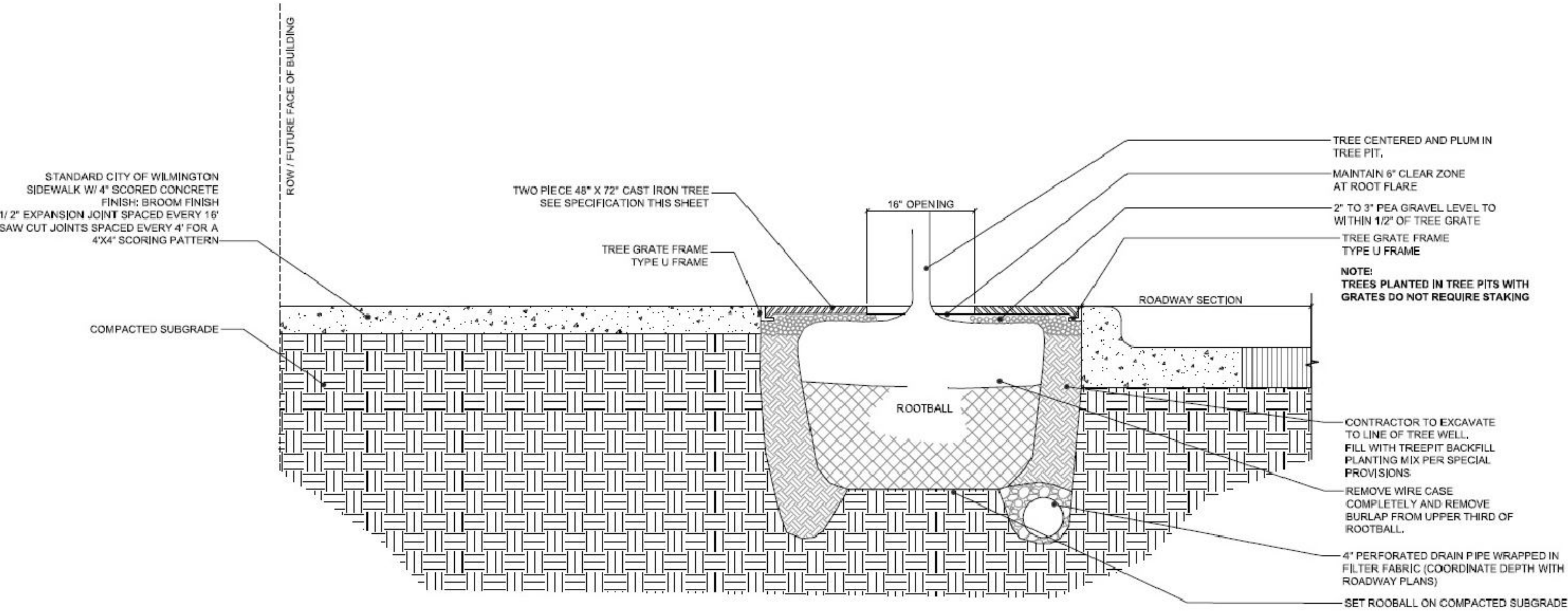


R-5811 48" X 72" BOULEVARD COLLECTION
CAST IRON TREE GRATE BY NEEHAH FOUNDRY
16" DIAMETER EXPANDABLE TREE OPENING
TYPE U TREE GRATE FRAME

TREE GRATE SPECIFICATION



A TYPICAL SIDEWALK PLAN NORTH OF BRIDGE
LD.05 SCALE: 1/4" = 1'-0"



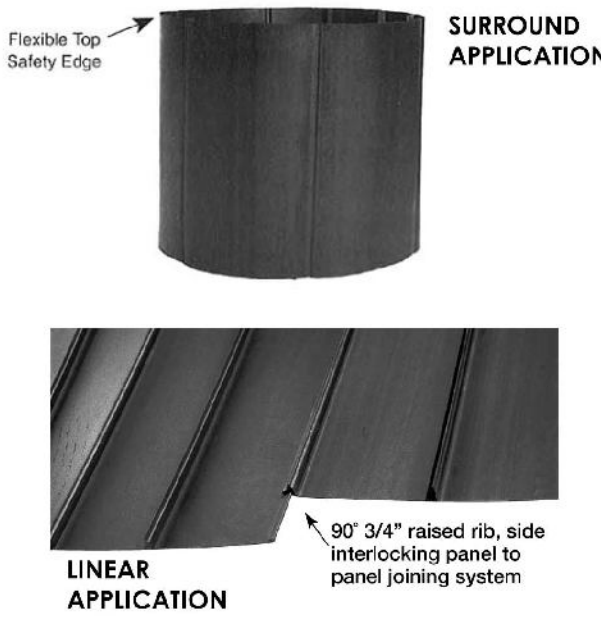
B TYPICAL SIDEWALK NORTH DETAIL
LD.05 SCALE: 1/4" = 1'-0"

centuryrootbarrier
The Leader in Hardscape Protection

CP-Series Root Barrier Panels:
Manufactured from durable polyethylene material. Century Products panels feature 90° root deflecting ribs and self interlocking panel to panel connection that eliminates joint strips and gluing. As well as being a root impervious barrier, the CP-Series panels direct roots downward to prevent costly damage to surrounding hardscapes and landscapes. These versatile panels can be used in linear and surround applications. The CP-Series panels are designed to reduce maintenance costs and liabilities for government agencies, cities, and private industry.

Linear Application: For root pruning of existing trees or in planting situations where one or more trees are in close proximity to hardscapes.

Surround Application: For new tree planting or when the hardscape encloses the planter.



Features:

- Flexible Top Safety Edge
- Versatile barrier for linear or surround applications
- Manufactured with 50% recycled plastic
- Raised 90° root deflecting ribs
- 90° 3/4" raised rib, side interlocking panel to panel joining system
- Adjustable anti-lift polyethylene panels which can be separated into 1' sections

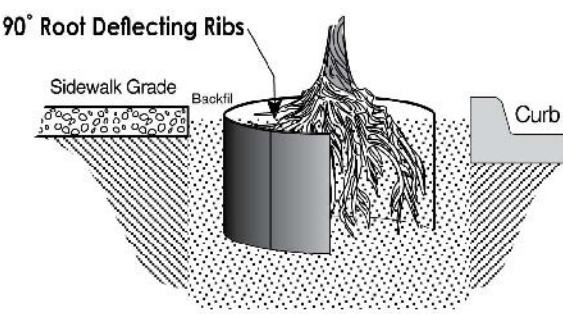
SPECIFICATIONS

CP-SERIES: CP12.2, CP18.2, CP34.2, CP36.2, and CP48.2.
90° 3/4" raised rib, side interlocking panel to panel joining system.
Material: Polyethylene with ultraviolet inhibitors.
Thickness: .080" (2.032mm)

MATERIAL	Polyethylene	
THICKNESS	.080" (2.032mm)	
PROPERTIES	ASTM TEST METHOD	VALUE POLYETHYLENE COPOLYMER
Tensile Stress @ Yield	D638	4100 TO 4300 PSI
Elongation @ Break	D638	40%
Tensile Modulus of Elasticity	D638	100,000 PSI
Flexural Stiffness	-	-
Can-Tever Beam	D747	125,000 PSI
Tensile Impact	D1622	50FI, Iu/ft ²
Environmental Stress	-	-
Crack Resistance	D1693	1 Hr.
Hardness, Shore D	D2240	68

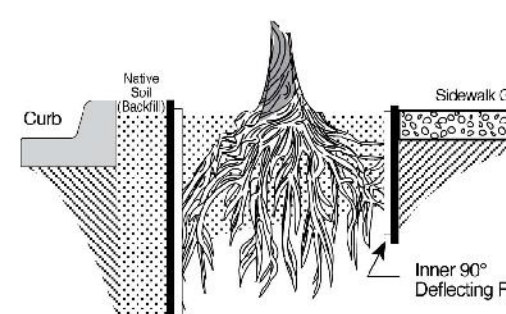
For Technical or Field Support, please call: 714.632.7083

SURROUND APPLICATION



Century Products USA • 1144 North Grove St • Anaheim, CA 92806 • P: 714.632.7083 • F: 714.632.5470 • www.centuryrootbarrier.com

LINEAR APPLICATION



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The Leader in Hardscape Protection

CP-SERIES Root Barrier Panels

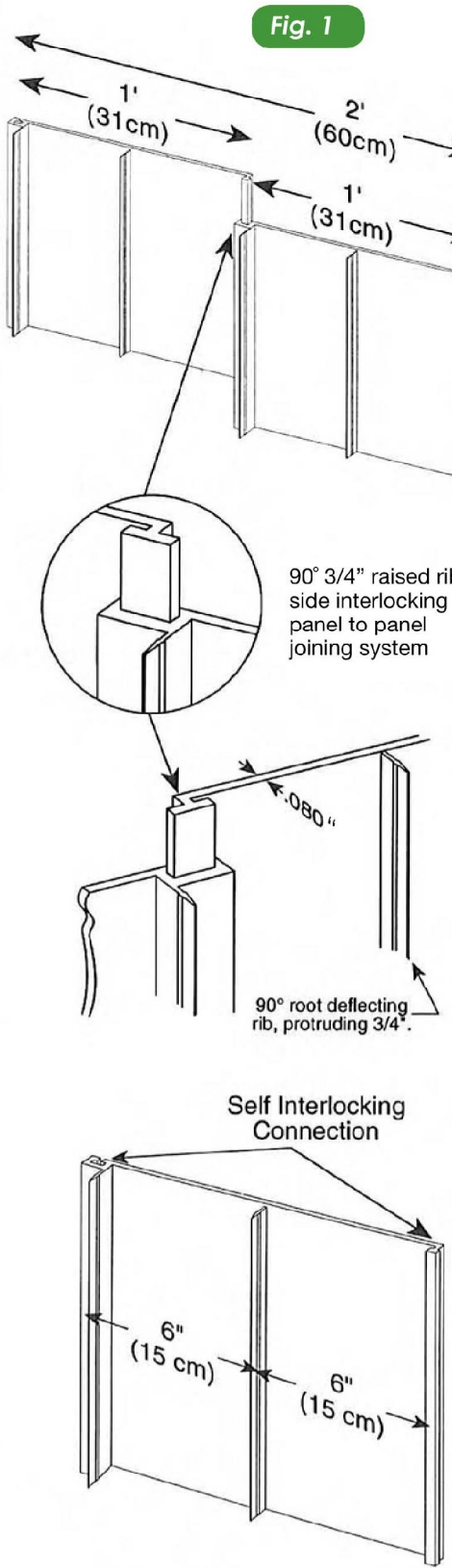
Century CP-Series Panels are pre-assembled in 2' long segments which can be combined to create various lengths of barrier to fit your application.

I. SPECIFICATIONS

- The root barrier shall be CP-Series manufactured by Century products, 1144 North Grove St., Anaheim, CA 92806, (714)632-7083, or approved equivalent
- The barriers are black molded modular panels manufactured using 50% recycled polyethylene plastic with ultraviolet inhibitors and .080" (2.032mm) in thickness. Each panel has vertical 90° root deflecting ribs protruding 3/4" in height. The ribs have a minimum thickness of .080" (2.032mm) and are placed 6" apart. An integrated 90° 3/4" raised rib, side interlocking panel to panel joining system provides for an instant assembly by sliding one panel into another.

II. INSTALLATION

- The specified number of panels shall be joined together and placed along hardscapes to create a linear style planting application or connected to encircle the root ball for surround installation.
- Vertical 90° root deflecting ribs are always facing the root ball.
- Always install the panels 2" above grade to avoid root penetration above the barrier.
- Prepare your installation as depicted in illustrations. (Assemble panels as shown in Figure 1.)
- Recommended for linear or surround planting applications. Back fill with existing native soil. If necessary for drainage, use gravel or crushed rock. Avoid backfill less than 3/4" or greater than 1 1/2". Finish to grade. Do not distort barrier during installation.
- Technical Questions? Call Century Products at 714.632.7083 for assistance.



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REV. 5-08

MISCELLANEOUS
DETAILS

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